BOYA ZHANG

linkedin.com/in/tinaboya · github.com/tinaboya · Email: boya.zhang@unige.ch

EDUCATION

Université de Genève, Faculty of Medicine, *Doctoral Researcher* 2021.11 - | Geneva, Switzerland
Research Group: Data Science for Digital Health (DS4DH)

Vrije Universiteit Brussel & Université Libre de Bruxelles
Brussels School of Engineering   2018.9 - 2021.02 | Brussels, Belgium
Master of Science in Electrical Engineering, Graduated with Distinction

Northwestern Polytechnical University   2015.9 - 2019.6 | Xian, China
Bachelor of Engineering in Information Engineering, Awarded Outstanding Student and Honors Scholarship

EXPERIENCE

Research Assistance at ETH Zürich   Jun 2021 - Oct 2021 | Zürich, Switzerland
GESS, Center for Law and Economics
Domain: Natural Language Processing, Claim Verification, Text Classification

RESEARCH

- Research Interest: Information Quality and Interpretability of Artificial Intelligence Tools, Health Misinformation Detection

- First Author Paper
  - DS4DH at MEDIQA-Chat 2023: Leveraging SVM and GPT-3 Prompt Engineering for Medical Dialogue Classification and Summarization | *Association for Computational Linguistics (ACL), 2023*
  - DS4DH at TREC Health Misinformation 2021: Multi-Dimensional Ranking Models with Transfer Learning and Rank Fusion | *Text REtrieval Conference (TREC), 2021*

- Co-Author Paper
  - The Choice of Knowledge Base in Automated Claim Checking | *ACM Journal of Data and Information Quality, 2023*
  - Cluster Analysis of Low-Dimensional Medical Concept Representations from Electronic Health Records | *International Conference on Health Information Science, 2022*

- Duty - Reviewer for ClinicalNLP 2023

SKILL

- Programming：Python, PyTorch, TensorFlow , C/C++, MATLAB/R, LaTex
- Communication：Chinese (Native), English (Professional), French (Beginner)

ACTIVITY

- Awarded *Honorable Mention* in COMAP Mathematical Contest in Modeling by COMAP USA, 2018.
- Awarded *Best Crisis Delegation* at Asian International Model United Nations Conference in Beijing, 2017.
- Served as a *Volunteer Staff* at the 21st China-EU Summit in Brussels, Belgium in 2019.
- Served as a *Referee* in the 15th NPU Uni Tennis Competition in Xi'an, 2017.
- Hobby: Music, Cycling, Tennis